

Nuclear Facility Deactivation and Decommissioning (D&D), Fast Flux Test Facility (FFTF) Project

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Fast Flux Test Facility



Solid Waste Cask



Interim Storage Cask being prepared for transport



Interim Storage Cask being transported

Overview

This section addresses Project Baseline Summary (PBS) RL-0042, *Nuclear Facility Deactivation and Decommissioning Fast Flux Test Facility Project*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of November 2003.

NOTABLE ACCOMPLISHMENTS

Fuel Offload: During November, three Interim Storage Casks (ISCs) were loaded and transferred to the Plutonium Finishing Plant. The first ISC delivery completed the first increment of Performance Incentive 4b. The next two ISC deliveries completed the second and third increments of Performance Incentive 4b.

A new Core Component Container leak check fixture was tested and installed in the Interim Examination and Maintenance (IEM) Cell. The Fuel Offload Project continues to support Performance Incentive 4b and is on track to complete approximately one month ahead of schedule.

The Sodium Removal System has been performing quite well and predictably in support of fuel washing. Recently implemented software and procedural enhancements to the drying process have driven the drying times down from typically ten-to-fifteen hours to seven-to-eight hours.

Pin Processing: Work began on preparations for pin processing in the IEM Cell. The first assembly to be processed will be MFF-1, which has six sodium-bonded pins along with the standard mixed oxide fuel pins. A small component cask transfer was completed to allow inspection of specific pin processing equipment in support of this activity.

Dump Heat Exchanger (DHX) Fuel Oil Deactivation: Fuel oil was removed from the three DHX storage tanks, as well as commencing the draining of the systems supplying fuel oil to the DHX pre-heaters. This activity is in support of partial deactivation of a major fire detection and alarm system in the heat transport system buildings.

FY 2004 FH FUNDS VS FORECAST (\$000)

	FY 2004 Anticipated Funding w/Carryover	FY 2004 Fiscal Year Spend Forecast	Variance
See Note 1 (1st Quarter)			
RL-0042 Nuclear Facility D&D, FFTF Project	\$ 16,693	\$ 7,798	\$ 8,895
See Note 2 (Entire Fiscal Year)			
RL-0042 Nuclear Facility D&D, FFTF Project	\$ 44,669	\$ 43,190	\$ 1,479

Note 1: The Contract Funding and spend forecast reflect the FFTF being in the FH contract only through December 31, 2003. October and November spending have been limited due to the reduced funding provided by the continuing resolution.

Note 2: It is anticipated that a contract extension will be approved. Through the end of fiscal year 2004, expected funding is \$42,938K in addition to the FY 2003 carryover of \$1,731K.

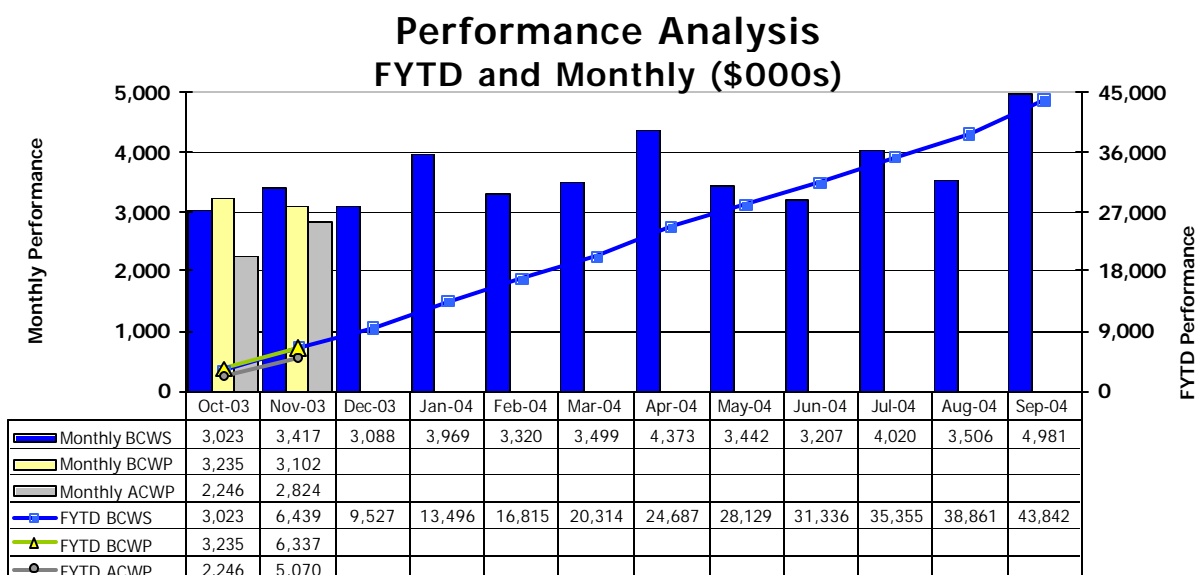
FY 2004 SCHEDULE/COST PERFORMANCE (\$000)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-0042 Nuclear Facility D&D, FFTF Project	6,439	6,337	5,070	-103	-2%	1,267	20%	43,842

NOTE: Numbers are rounded to the nearest \$K.

Schedule Performance (-\$103K/2%): The schedule variance is within the established threshold.

Cost Variance Analysis (+\$1,267K/20%): The cost variance is primarily due to controlled spending in the surveillance and maintenance area.



MILESTONE ACHIEVEMENT

Number	Milestone Title	(TPA/DNSFB/PI)	Due Date	Actual Date	Forecast Date	Status/Comments
PI-S3-4a	Secondary system sodium drain	PI	5/31/03	4/16/03		Complete
PI-S3-4b	Fuel Offload - 81 assemblies	PI	1/22/04		1/22/04	In progress
M-81-12	Initiate FFTF sodium drain	TPA	6/30/03	4/7/03		Complete
M-20-29B	Submit sodium storage facility and sodium reaction facility closure plan or request for procedural closure to Ecology as defined in Agreement section 6.3.3.	TPA	6/30/03	6/12/03		Complete